

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: EPHESUS

Report Number: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-80-3S-CV2-A**

Issue Date: 2/3/2026

Test Information

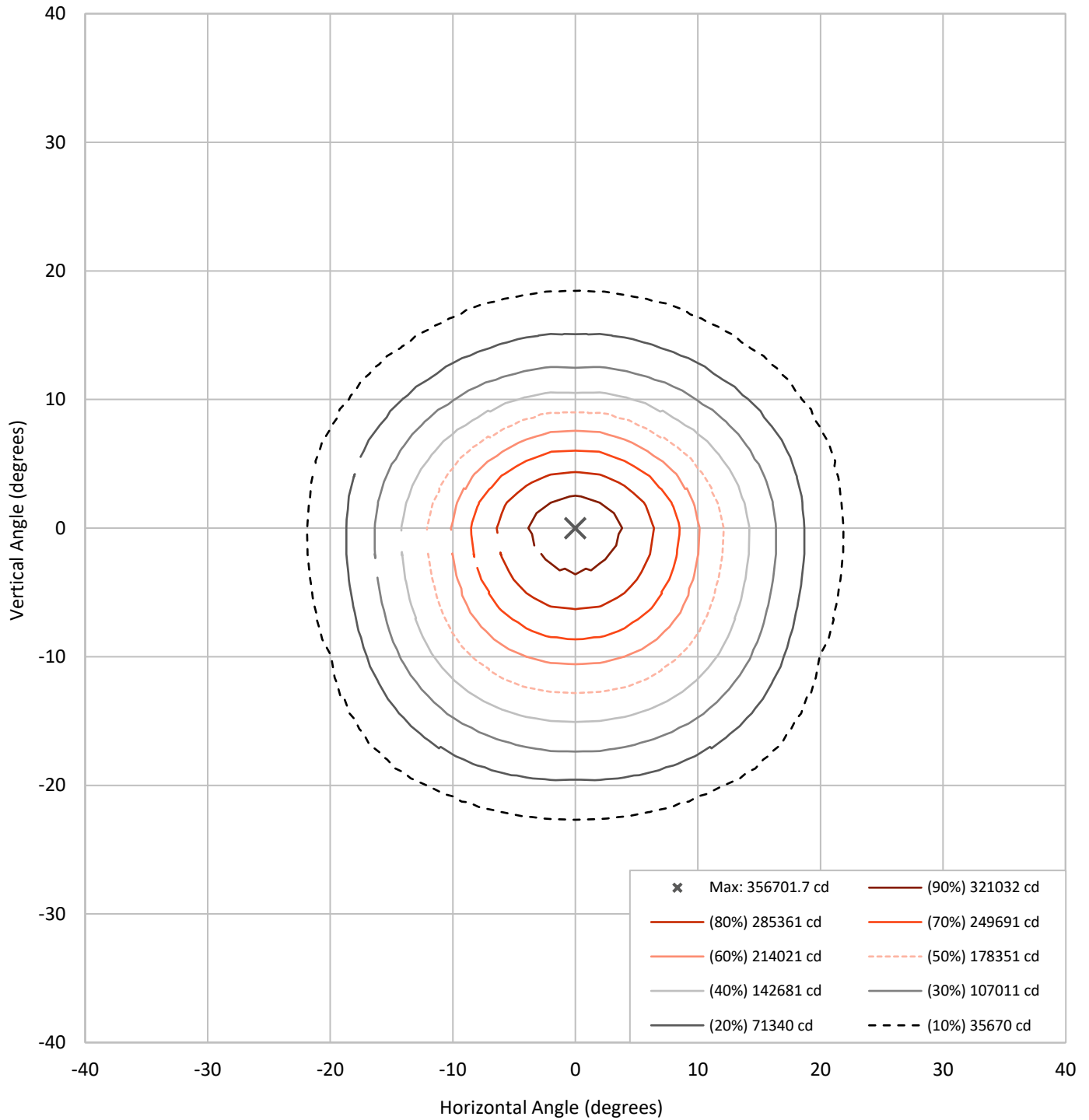
Test Method: LM-79-08
Report Number: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-18)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-80-3S-CV2-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 3S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	70408.6 lumens	Max Intensity:	356701.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.2°H x 21.8°V	Field Angle (10%):	43.8°H x 40.9°V
Beam Lumens:	31903.1 lumens	Field Lumens:	60374.1 lumens
Beam Efficiency:	45.3%	Field Efficiency:	85.7%
Input Watts (W):	648		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

Iso-Candela Plot





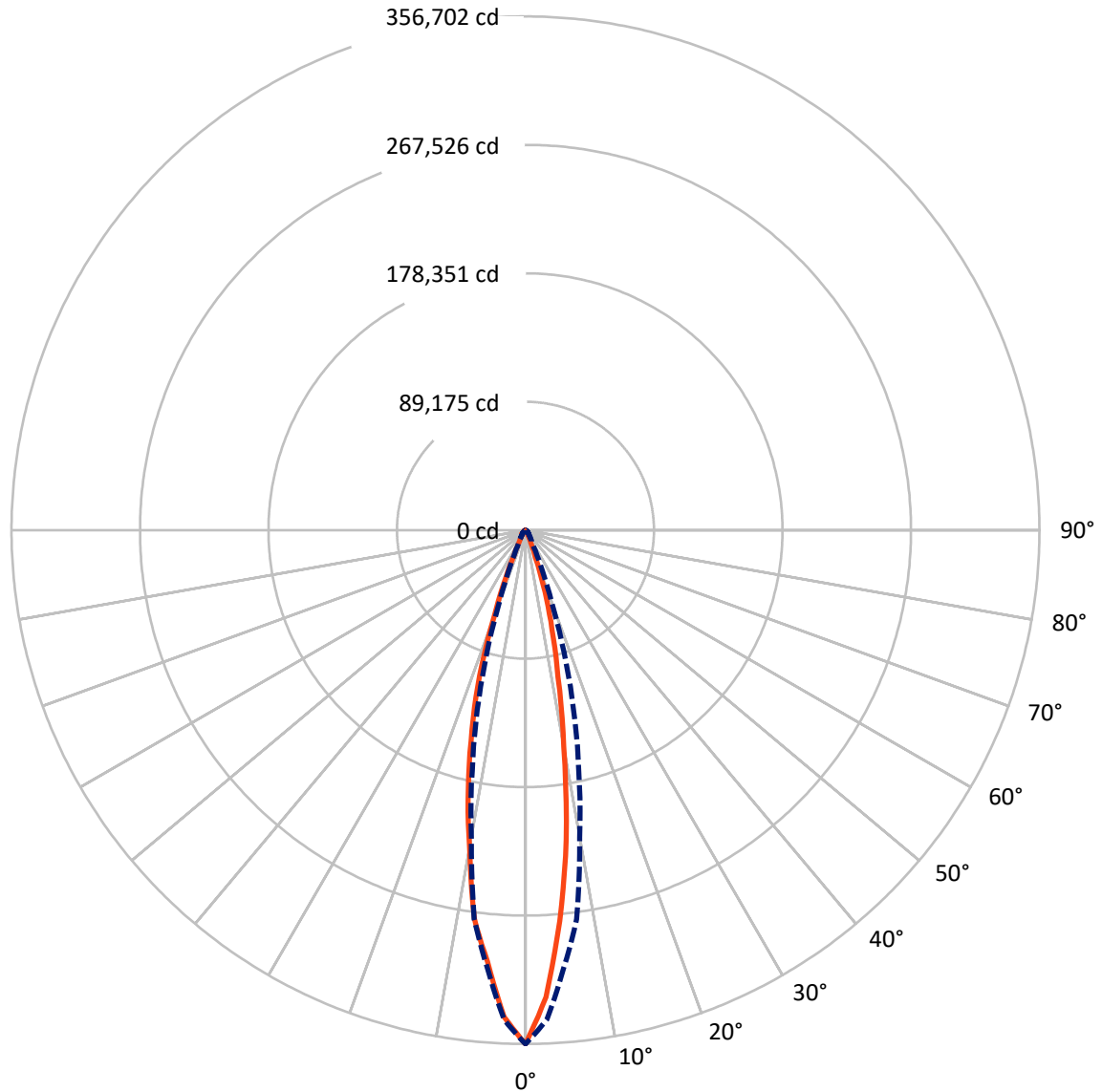
REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

Lumen Table

90	0.2	0.5		0.7		0.6		0.5		0.6		0.7		0.5		0.2			
80	0.2	0.5		0.7		0.6		0.5		0.6		0.7		0.5		0.2			
70	0.2	0.1	0.2	0.6	0.7	0.5	0.3	0.3	0.3	0.3	0.5	0.7	0.6	0.2	0.1	0.2			
60		0.1	0.4	0.6	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.4	0.1				
50	0.2	0.2	0.4	0.5	0.6	0.9	1.1	1.3	1.3	1.1	0.9	0.6	0.5	0.4	0.2	0.2			
40		0.2	0.9	1.9	3.8	5.9	7.5	9.1	9.1	7.5	5.9	3.8	1.9	0.9	0.2				
30	0.3	0.4	2.9	9.3	24.5	42.2	96.8	202.2	202.2	96.8	42.2	24.5	9.3	2.9	0.4	0.3			
20		1.0	6.9	24.9	61.7	169.0	888.5	2086.2	2086.2	888.5	169.0	61.7	24.9	6.9	1.0				
10	0.4	1.9	12.2	46.8	112.9	508.9	3066.9	7015.9	7015.9	3066.9	508.9	112.9	46.8	12.2	1.9	0.4			
0		3.1	16.2	56.5	129.5	549.2	3539.3	7975.6	7975.6	3539.3	549.2	129.5	56.5	16.2	3.1				
-10	0.6	3.6	16.5	53.7	119.0	320.1	1809.7	3962.3	3962.3	1809.7	320.1	119.0	53.7	16.5	3.6	0.6			
-20		3.4	13.7	35.1	81.9	144.4	331.8	676.0	676.0	331.8	144.4	81.9	35.1	13.7	3.4				
-30	0.5	2.9	9.9	21.5	47.6	84.9	117.5	142.2	142.2	117.5	84.9	47.6	21.5	9.9	2.9	0.5			
-40		2.0	6.9	15.1	27.3	46.9	76.2	99.1	99.1	76.2	46.9	27.3	15.1	6.9	2.0				
-50	0.3	1.0	4.3	9.9	17.8	26.8	34.9	40.1	40.1	34.9	26.8	17.8	9.9	4.3	1.0	0.3			
-60		0.4	1.6	5.0	10.0	16.0	22.2	25.8	25.8	22.2	16.0	10.0	5.0	1.6	0.4				
-70	0.2	1.0		3.5		9.7		13.9		9.7		3.5		1.0		0.2			
-80		1.0		3.5		9.7		13.9		9.7		3.5		1.0					
-90	0.2	1.0		3.5		9.7		13.9		9.7		3.5		1.0		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

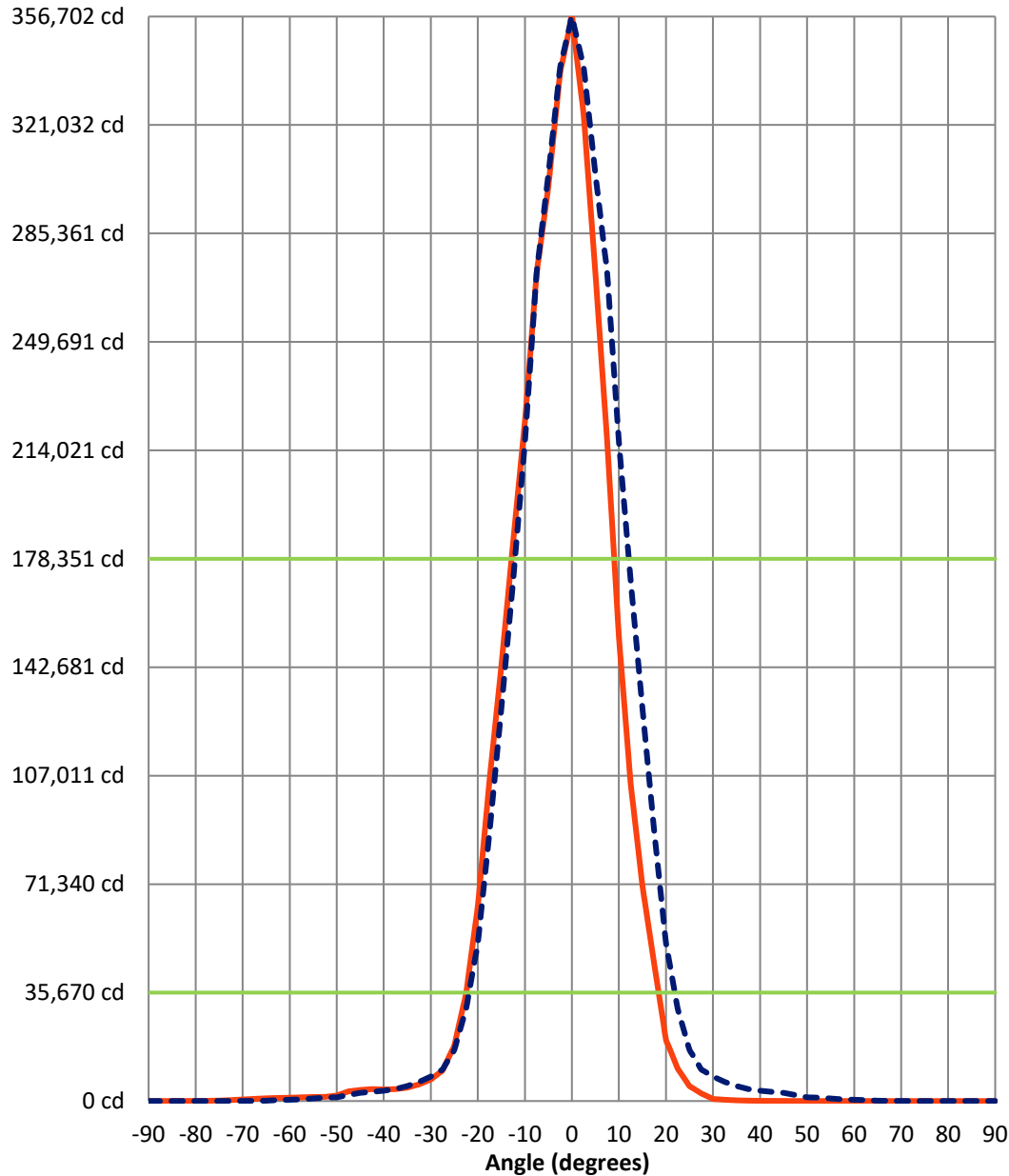
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

Luminous Intensity Plot



Beam:
 H Angle: 24.2°
 V Angle: 21.8°
 Lumens: 31903.1
 Efficiency: 45.3%

Field:
 H Angle: 43.8°
 V Angle: 40.9°
 Lumens: 60374.1
 Efficiency: 85.7%

Spill:
 Lumens: 10034.5
 Efficiency: 14.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.7	10.1	10.5	11.0
87.5°	9.2	9.2	9.4	9.4	9.4	9.3	9.2	9.2	9.2	9.2	9.2
85°	9.2	9.3	9.5	9.6	9.5	9.4	9.2	9.2	9.2	9.2	9.2
82.5°	9.2	9.3	9.7	9.7	9.7	9.5	9.2	9.2	9.2	9.3	9.2
80°	9.2	9.4	9.8	9.9	9.8	9.6	9.3	9.5	9.5	9.5	9.2
77.5°	9.2	9.4	10.0	10.1	10.0	9.8	9.8	9.9	9.9	9.7	9.3
75°	9.2	9.4	10.1	10.3	10.2	10.1	10.2	10.3	10.2	9.8	9.3
72.5°	9.2	9.5	10.2	10.5	10.3	10.4	10.6	10.7	10.3	9.8	9.4
70°	9.2	9.5	10.4	10.6	10.5	10.6	11.0	10.7	10.3	9.9	9.4
67.5°	9.2	9.5	10.5	10.7	10.6	10.9	11.0	10.8	10.4	9.9	9.5
65°	9.2	9.5	10.6	10.8	10.8	11.0	11.0	10.8	10.4	10.0	9.7
62.5°	9.2	9.6	10.7	10.8	10.9	11.0	11.0	10.9	10.5	10.1	10.3
60°	9.2	9.6	10.8	10.9	11.0	11.0	11.0	11.0	10.6	10.5	10.8
57.5°	9.2	9.6	10.7	10.9	11.0	11.0	11.0	11.0	10.7	10.8	11.0
55°	9.2	9.6	10.7	10.9	11.0	11.0	11.0	11.0	10.9	11.0	11.0
52.5°	9.2	9.6	10.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
50°	9.2	9.6	10.7	11.0	11.0	11.0	11.0	11.1	11.0	11.0	11.8
47.5°	9.2	9.6	10.7	11.0	11.0	11.0	11.0	11.3	11.0	11.0	12.7
45°	9.2	9.7	10.7	11.0	11.0	11.0	11.2	11.4	11.1	11.6	13.4
42.5°	9.2	9.6	10.7	11.0	11.0	11.0	11.4	11.6	11.2	12.1	14.1
40°	9.2	9.6	10.7	11.0	11.0	11.0	11.6	11.7	11.5	12.6	14.6
37.5°	9.2	9.6	10.7	11.0	11.0	11.0	11.8	11.8	12.0	13.2	14.8
35°	9.2	9.6	10.7	11.0	11.0	11.1	12.1	11.9	12.6	13.9	14.9
32.5°	9.2	9.6	10.7	11.0	11.0	11.3	12.3	12.0	13.1	14.8	16.2
30°	9.2	9.6	10.8	11.0	11.0	11.5	12.4	12.2	13.5	15.7	17.8
27.5°	9.2	9.6	10.8	11.0	11.0	11.7	12.5	12.6	14.1	16.8	19.8
25°	9.2	9.5	10.8	11.0	11.0	12.0	12.6	13.0	14.9	18.2	22.3
22.5°	9.2	9.5	10.8	11.0	11.0	12.2	12.7	13.4	15.8	20.1	27.2
20°	9.2	9.5	10.9	11.0	11.0	12.3	12.9	13.7	16.7	22.0	32.0
17.5°	9.2	9.5	10.9	11.0	11.0	12.5	13.0	14.0	17.6	24.1	36.5
15°	9.2	9.4	10.9	11.0	11.0	12.6	13.2	14.4	18.5	26.3	40.9
12.5°	9.2	9.4	10.9	11.0	11.0	12.7	13.4	14.8	20.0	28.6	45.0
10°	9.2	9.4	11.0	11.0	11.0	12.8	13.7	15.2	22.2	33.0	52.1
7.5°	9.2	9.3	11.0	11.0	11.0	12.8	13.9	15.5	24.5	37.7	66.8
5°	9.2	9.3	11.0	11.0	11.0	12.9	14.2	15.9	26.8	42.5	82.1
2.5°	9.2	9.2	11.0	11.0	11.0	12.9	14.4	16.2	29.1	47.1	97.4
0°	9.2	9.2	11.0	11.0	11.0	12.9	14.7	16.5	31.2	51.4	112.0
-2.5°	9.2	9.2	11.0	11.0	11.0	12.9	16.2	22.0	41.4	68.3	136.1
-5°	9.2	9.2	11.0	11.0	11.0	12.9	17.5	27.2	51.2	84.5	158.7
-7.5°	9.2	9.2	11.0	11.0	11.0	12.8	18.8	32.1	60.3	99.7	179.1
-10°	9.2	9.2	10.9	11.0	11.0	12.8	19.8	36.5	68.5	113.5	197.2
-12.5°	9.2	9.2	10.9	11.0	11.0	12.7	20.7	40.2	75.7	125.6	209.8
-15°	9.2	9.2	10.9	11.0	11.0	12.6	21.2	43.1	82.2	135.3	218.6
-17.5°	9.2	9.2	10.8	11.0	11.0	12.5	21.4	45.9	87.9	143.4	224.9
-20°	9.2	9.2	10.8	11.0	11.0	12.3	21.8	48.2	92.1	149.9	228.6



REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	9.2	9.2	10.7	11.0	11.0	12.2	22.4	49.4	94.6	154.6	229.5
-25°	9.2	9.2	10.7	11.0	11.0	12.4	22.4	49.4	95.3	157.4	227.5
-27.5°	9.2	9.2	10.6	11.0	11.0	12.6	21.8	48.1	94.1	158.2	229.6
-30°	9.2	9.2	10.5	11.0	11.0	12.7	20.5	45.5	92.2	156.6	229.5
-32.5°	9.2	9.2	10.4	11.0	11.2	12.7	18.5	43.5	89.0	152.3	226.9
-35°	9.2	9.2	10.3	11.0	11.3	12.6	17.8	41.1	83.9	145.3	221.7
-37.5°	9.2	9.2	10.3	11.0	11.5	12.5	17.6	37.7	76.8	135.5	205.2
-40°	9.2	9.2	10.2	11.0	11.6	12.6	17.2	33.1	67.6	125.0	186.4
-42.5°	9.2	9.2	10.1	11.0	11.6	12.7	16.6	27.5	59.8	110.1	166.3
-45°	9.2	9.2	9.9	11.1	11.7	12.8	15.7	23.2	52.0	93.4	145.3
-47.5°	9.2	9.2	9.8	11.1	11.8	12.9	14.6	21.8	42.7	75.7	125.2
-50°	9.2	9.2	9.7	11.0	11.8	12.9	14.4	20.2	31.7	63.1	103.6
-52.5°	9.2	9.2	9.6	10.9	11.8	12.9	14.4	18.2	26.5	49.5	81.5
-55°	9.2	9.2	9.5	10.7	11.8	12.8	14.3	16.2	23.6	35.1	65.0
-57.5°	9.2	9.2	9.3	10.5	11.7	12.7	14.1	15.9	20.5	28.8	47.5
-60°	9.2	9.2	9.2	10.4	11.7	12.6	13.9	15.6	17.7	24.7	33.5
-62.5°	9.2	9.2	9.2	10.2	11.4	12.5	13.7	15.2	17.0	20.3	28.2
-65°	9.2	9.2	9.2	10.0	11.2	12.3	13.4	14.7	16.3	18.5	22.6
-67.5°	9.2	9.2	9.2	9.8	10.9	12.1	13.1	14.2	15.4	17.2	19.7
-70°	9.2	9.2	9.2	9.6	10.7	11.7	12.8	13.6	14.6	15.9	17.9
-72.5°	9.2	9.2	9.2	9.5	10.4	11.4	12.4	13.1	13.8	14.8	16.0
-75°	9.2	9.2	9.2	9.5	10.1	11.0	11.9	12.5	13.0	13.7	14.7
-77.5°	9.2	9.2	9.2	9.5	9.9	10.6	11.5	11.9	12.3	12.7	13.2
-80°	9.2	9.2	9.2	9.4	9.8	10.3	11.0	11.4	11.7	12.0	12.3
-82.5°	9.2	9.2	9.2	9.4	9.7	10.1	10.6	10.9	11.0	11.3	11.5
-85°	9.2	9.2	9.2	9.3	9.5	9.8	10.1	10.5	10.7	10.9	11.0
-87.5°	9.2	9.2	9.2	9.3	9.4	9.5	9.7	10.1	10.4	10.7	11.0
-90°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2



REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	10.6	10.1	9.7	9.2	9.2	9.2	9.2	9.2	8.7	8.3	7.8
87.5°	8.7	8.3	7.8	7.3	7.3	7.3	7.3	7.3	6.9	6.4	6.0
85°	8.7	8.3	7.9	7.6	7.6	7.6	7.5	7.3	6.9	6.4	6.0
82.5°	8.9	8.7	8.7	8.7	8.5	8.2	7.8	7.3	6.9	6.4	6.0
80°	9.1	9.2	9.2	9.2	8.8	8.3	7.9	7.4	6.9	6.5	6.0
77.5°	9.2	9.2	9.2	9.2	8.9	8.4	7.9	7.4	7.0	6.5	6.1
75°	9.2	9.2	9.2	9.2	8.9	8.4	8.0	7.9	7.8	7.6	7.5
72.5°	9.2	9.2	9.2	9.2	9.0	8.8	8.8	9.1	9.4	9.5	9.4
70°	9.2	9.2	9.4	9.4	9.2	9.4	10.2	11.2	12.1	13.0	15.3
67.5°	9.3	9.7	9.8	9.7	9.9	10.8	12.0	16.9	22.9	25.6	27.1
65°	10.1	10.4	10.3	10.5	10.9	14.4	19.9	26.9	34.6	36.4	36.2
62.5°	10.9	10.7	10.8	11.9	14.8	19.7	27.0	35.2	43.8	42.1	36.4
60°	11.0	10.9	12.2	15.0	18.8	25.4	33.8	37.9	40.6	40.5	33.3
57.5°	11.0	11.9	14.5	18.3	23.9	29.4	31.3	33.6	35.6	36.7	28.8
55°	11.5	13.5	16.9	22.1	26.4	25.7	26.7	28.2	29.5	27.9	20.7
52.5°	12.7	15.1	19.5	24.1	25.0	23.1	21.7	22.8	21.8	18.9	15.7
50°	13.8	17.0	21.5	24.4	23.9	20.8	17.9	18.3	17.5	15.3	13.4
47.5°	15.1	18.6	23.1	25.0	22.4	20.3	17.9	17.3	16.4	17.0	16.1
45°	16.2	19.9	24.7	24.1	22.6	21.8	20.7	18.3	21.0	22.0	21.8
42.5°	17.0	20.9	24.6	23.8	25.1	25.7	25.3	26.3	28.0	30.5	31.6
40°	17.5	21.5	25.5	28.2	29.0	31.5	34.9	37.6	38.5	42.2	44.7
37.5°	17.8	23.5	29.3	36.3	35.4	40.6	46.3	56.2	59.2	55.7	62.6
35°	17.7	26.6	39.3	49.0	50.4	52.6	67.5	82.5	91.8	82.6	91.1
32.5°	19.7	30.8	52.1	65.8	75.7	78.1	92.8	123.8	139.7	141.9	142.8
30°	24.3	42.6	67.9	85.8	108.2	126.2	140.4	176.0	201.4	264.6	315.5
27.5°	30.2	56.9	86.9	115.8	149.4	182.8	216.4	244.5	326.9	445.5	577.8
25°	36.0	77.6	108.0	152.8	203.7	252.5	297.8	336.1	496.9	739.9	902.5
22.5°	47.3	102.1	138.4	193.9	263.7	327.8	383.7	485.1	709.9	1069.7	1244.6
20°	65.8	128.1	175.8	243.4	330.8	405.7	471.2	640.7	968.7	1306.1	1523.1
17.5°	85.9	155.3	216.5	305.7	417.4	500.3	567.4	792.1	1219.7	1542.1	1763.2
15°	107.2	183.2	256.6	373.5	512.4	615.1	751.4	1027.5	1441.3	1773.7	2044.9
12.5°	129.1	211.5	295.9	444.9	613.3	731.1	975.7	1376.2	1745.5	2035.3	2441.1
10°	150.9	239.6	334.0	518.1	717.7	847.2	1222.4	1720.7	2077.6	2375.7	2842.4
7.5°	193.4	279.2	374.9	591.0	822.9	962.1	1481.1	2056.1	2388.7	2692.1	3183.8
5°	239.3	330.2	438.5	681.6	927.2	1065.7	1721.5	2375.7	2680.4	2985.9	3473.5
2.5°	283.8	379.3	499.9	769.6	1025.2	1150.0	1865.2	2553.3	2869.6	3214.1	3719.8
0°	325.1	426.1	558.3	850.3	1114.8	1228.6	1981.6	2703.3	3028.4	3404.9	3935.6
-2.5°	358.4	471.9	613.1	896.1	1145.9	1273.3	2005.5	2758.5	3110.5	3513.7	4039.2
-5°	386.2	514.4	663.6	934.0	1170.0	1312.7	2000.7	2778.1	3179.3	3596.2	4133.6
-7.5°	408.0	553.0	709.4	961.3	1182.5	1331.5	1994.7	2804.3	3254.8	3652.5	4210.0
-10°	420.0	568.9	719.2	957.6	1179.4	1335.7	1951.1	2788.6	3316.4	3693.2	4233.9
-12.5°	407.4	563.8	716.7	945.5	1171.2	1334.9	1856.3	2728.0	3365.5	3721.1	4188.7
-15°	392.6	555.5	706.8	925.0	1158.3	1329.3	1705.3	2620.8	3340.9	3619.3	4055.9
-17.5°	376.6	544.0	689.1	896.2	1141.5	1318.9	1483.9	2348.6	3088.4	3445.3	3912.3
-20°	359.9	529.3	662.9	859.0	1117.6	1268.2	1379.7	2004.6	2727.5	3230.7	3661.1



REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	343.4	511.4	634.8	824.5	1031.3	1184.4	1302.7	1653.7	2353.9	2965.1	3286.2
-25°	334.6	485.3	611.4	761.3	939.4	1098.3	1213.5	1338.3	1963.3	2550.6	2954.8
-27.5°	330.6	461.7	576.7	698.1	852.1	1007.2	1117.1	1234.8	1578.3	2133.2	2617.8
-30°	323.0	429.4	540.5	641.2	778.0	912.2	1020.2	1141.6	1279.8	1728.0	2175.5
-32.5°	304.9	396.7	502.6	599.4	708.6	826.1	945.7	1064.4	1182.7	1345.8	1756.0
-35°	283.7	369.4	464.7	556.7	643.5	756.2	875.7	992.6	1093.0	1197.2	1424.2
-37.5°	266.6	339.8	427.3	514.3	596.3	692.7	802.7	916.3	1018.9	1113.0	1242.4
-40°	247.8	308.2	391.9	474.2	551.4	634.3	732.4	834.8	940.7	1050.7	1151.8
-42.5°	227.2	285.5	355.2	434.7	507.1	583.4	661.9	756.6	860.7	976.9	1081.8
-45°	203.6	261.2	318.5	391.6	461.1	531.3	604.8	679.8	782.0	886.2	996.1
-47.5°	178.7	234.9	290.0	348.4	414.6	478.7	546.0	622.6	702.9	798.2	895.2
-50°	153.1	206.3	259.9	312.8	369.4	427.4	486.7	564.2	640.5	715.2	798.4
-52.5°	127.4	176.5	227.5	278.4	328.7	380.9	437.7	506.0	578.0	647.9	717.0
-55°	100.2	145.9	193.6	242.0	290.0	337.4	392.5	453.1	515.5	582.1	646.4
-57.5°	77.2	113.7	157.8	203.8	249.1	295.5	349.5	401.6	458.3	517.2	574.9
-60°	56.2	84.3	119.6	162.2	206.5	251.9	305.3	357.0	405.5	452.5	506.7
-62.5°	37.1	59.0	85.6	117.7	158.0	203.5	251.4	302.3	357.2	400.2	442.5
-65°	30.4	37.6	55.8	80.8	107.4	146.2	189.8	237.0	284.5	327.3	372.4
-67.5°	23.5	30.3	36.6	46.1	69.1	94.8	122.2	161.3	202.6	238.5	274.9
-70°	20.5	23.5	28.9	34.5	39.9	50.5	73.1	97.1	120.8	143.8	173.5
-72.5°	18.1	20.8	23.6	26.6	31.3	36.2	41.5	47.0	60.4	78.2	94.7
-75°	16.1	17.9	20.3	22.8	25.2	27.6	30.4	34.8	39.1	43.3	47.2
-77.5°	14.4	15.8	17.4	19.2	20.7	22.6	24.5	26.6	28.6	30.8	33.2
-80°	12.9	13.7	14.9	16.2	17.0	17.9	19.0	20.3	21.5	22.6	24.0
-82.5°	11.9	12.4	13.0	13.6	13.7	13.6	13.6	14.0	14.8	15.6	16.3
-85°	11.0	11.0	11.2	11.5	11.7	11.8	11.8	11.8	11.7	11.6	11.6
-87.5°	10.8	10.6	10.4	10.2	10.3	10.4	10.4	10.5	10.1	9.7	9.3
-90°	8.7	8.3	7.8	7.3	7.3	7.3	7.3	7.3	6.9	6.4	6.0



REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.3	7.3	7.3	7.3	7.3	7.8	8.3	8.7	9.2	10.6	12.0
87.5°	5.5	5.1	4.6	4.2	3.7	3.2	2.8	2.3	1.8	1.8	1.8
85°	5.5	5.1	4.6	4.2	3.7	3.2	2.8	2.3	1.8	1.8	1.8
82.5°	5.5	5.3	5.2	5.1	5.0	4.7	4.3	3.9	3.5	3.1	2.7
80°	5.6	5.5	5.5	5.5	5.5	5.1	4.7	4.2	3.7	3.3	2.8
77.5°	5.8	5.8	5.8	5.7	5.6	5.1	4.7	4.2	3.8	3.3	2.8
75°	7.3	7.1	6.8	6.3	5.7	5.2	4.7	4.3	3.8	3.6	3.6
72.5°	9.0	8.5	8.2	8.6	8.5	8.3	8.1	7.5	6.7	6.7	6.9
70°	16.8	17.6	17.7	16.9	15.1	13.5	12.2	10.8	9.3	8.8	9.0
67.5°	26.7	25.5	23.9	21.8	18.7	15.9	14.2	12.6	11.1	10.6	10.7
65°	33.3	27.6	23.7	20.6	18.1	15.9	14.1	12.4	10.7	9.7	9.5
62.5°	30.5	23.9	19.8	17.3	15.5	14.2	11.9	10.1	8.7	8.0	8.2
60°	26.2	19.1	14.8	12.9	11.0	9.3	8.5	7.9	7.5	7.3	7.4
57.5°	20.8	14.5	10.9	10.2	9.2	7.9	7.5	7.6	7.6	7.3	7.3
55°	15.2	12.4	11.0	10.5	10.0	9.5	9.1	8.9	8.7	8.5	8.7
52.5°	12.4	12.4	12.6	12.4	11.9	11.4	10.9	10.9	11.1	11.4	11.9
50°	13.7	14.1	14.4	14.2	13.8	13.3	12.8	13.3	14.2	14.9	15.5
47.5°	15.9	16.5	17.5	16.3	16.5	17.5	16.8	17.1	19.7	21.5	22.6
45°	20.3	23.4	24.2	25.0	25.2	27.1	28.0	28.6	33.9	36.1	36.2
42.5°	32.2	35.2	37.8	40.2	39.8	45.7	53.8	58.2	58.0	57.1	58.1
40°	48.7	52.1	59.5	65.2	73.9	81.7	82.2	74.6	75.5	84.3	85.0
37.5°	73.2	83.4	98.3	114.7	119.1	114.0	117.0	122.5	128.3	136.3	145.7
35°	116.6	150.8	157.6	170.3	178.6	170.3	173.5	188.1	188.3	214.3	228.5
32.5°	206.9	259.4	275.5	264.1	286.1	299.5	258.6	310.0	319.9	346.5	379.2
30°	337.5	446.7	480.4	464.6	524.3	543.1	507.0	610.5	671.4	670.2	823.8
27.5°	641.2	695.7	759.1	855.9	868.4	900.7	1104.9	1262.8	1463.4	1652.9	1898.9
25°	980.9	1011.9	1193.5	1313.2	1372.3	1588.2	1890.7	2137.6	2563.0	2960.1	3786.6
22.5°	1293.9	1409.5	1631.2	1822.7	2038.0	2385.5	2802.8	3260.8	4391.3	5782.1	7527.2
20°	1601.0	1753.2	2018.0	2362.5	2706.1	3178.8	3733.6	5184.7	7407.5	10776.4	14417.3
17.5°	1947.7	2094.1	2455.0	2941.5	3464.3	4172.8	5874.7	8647.2	13367.6	19958.1	26316.1
15°	2397.9	2649.7	3049.0	3767.8	4768.3	6438.3	9212.6	16051.2	25475.3	35724.3	46712.3
12.5°	2924.4	3339.6	3989.6	4918.4	6359.2	10304.3	17276.6	28257.8	42340.8	56735.2	74794.7
10°	3434.1	4128.6	5123.3	6587.0	9453.1	15670.8	26058.3	41906.7	63484.8	85740.7	105685.4
7.5°	3881.8	4800.8	6139.2	8190.7	12740.7	21726.9	36670.2	58754.4	85650.1	113152.6	139972.1
5°	4339.0	5431.8	6991.6	9391.7	14745.6	26110.6	45291.5	74178.0	106673.2	139983.8	174988.3
2.5°	4714.3	5961.5	7703.1	10387.3	15930.4	28466.6	50637.7	84920.5	122466.0	160601.7	204158.7
0°	4940.2	6290.0	8054.9	10418.5	16860.9	30322.5	51958.3	88723.2	129133.6	171062.7	216650.2
-2.5°	4947.2	6221.6	7883.4	10319.7	16661.8	29815.1	52050.4	88628.4	128774.9	169156.6	214144.1
-5°	4931.8	6065.6	7626.3	9965.2	15469.8	27168.3	48057.3	82886.2	122429.0	160645.1	201620.9
-7.5°	4908.2	5859.5	7261.1	9398.4	13944.4	23973.5	43458.0	75341.2	112649.7	148246.2	184926.5
-10°	4881.0	5646.0	6925.0	8912.1	12562.6	20173.5	34959.0	63995.1	98220.0	131067.7	161146.5
-12.5°	4857.6	5558.4	6654.2	8242.1	10882.8	16904.8	29514.5	52298.3	80013.8	107750.1	134395.2
-15°	4767.9	5442.3	6433.3	7744.6	9885.4	14097.0	22032.9	37781.7	60539.8	82450.0	103601.3
-17.5°	4584.3	5277.1	5900.6	6921.4	8465.6	11212.0	16411.5	25901.3	40513.8	57640.8	72562.8
-20°	4224.6	4699.5	5216.7	6083.8	7272.2	8718.1	11089.3	16496.6	23444.6	34616.2	42440.0



REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3690.6	4090.0	4525.2	5102.9	5938.6	6959.0	8224.3	10223.3	13848.9	18154.7	22913.6
-25°	3203.5	3490.6	3893.8	4390.1	4837.4	5503.1	6389.8	7165.3	8731.3	9998.0	12615.5
-27.5°	2834.3	3072.9	3438.1	3823.1	4153.2	4509.9	5126.9	5675.1	6437.0	7102.2	8166.3
-30°	2567.3	2811.8	3105.4	3397.1	3710.7	4013.1	4289.3	4704.9	5161.9	5595.9	6158.7
-32.5°	2237.7	2623.5	2836.0	3082.7	3361.7	3626.2	3836.8	4099.6	4351.2	4638.6	4947.4
-35°	1893.5	2314.9	2641.1	2830.7	3037.9	3290.5	3506.3	3686.1	3852.8	4031.3	4194.4
-37.5°	1487.9	1953.7	2325.3	2605.9	2795.1	2971.5	3202.9	3375.7	3486.0	3633.9	3745.4
-40°	1278.8	1465.3	1887.7	2269.0	2512.9	2790.6	3006.0	3189.0	3390.9	3548.3	3639.2
-42.5°	1176.9	1285.0	1397.5	1709.0	2090.6	2424.0	2701.7	3002.6	3272.6	3487.4	3687.1
-45°	1098.1	1174.9	1255.0	1358.4	1465.2	1777.3	2119.6	2471.6	2786.7	3081.2	3333.9
-47.5°	993.0	1082.9	1156.0	1221.4	1287.0	1382.8	1485.3	1628.0	1931.0	2238.1	2530.9
-50°	884.8	967.5	1048.2	1124.0	1185.6	1233.9	1272.6	1335.6	1426.9	1517.7	1606.9
-52.5°	782.9	859.7	932.8	1006.3	1078.2	1142.1	1198.6	1243.2	1279.8	1311.0	1332.2
-55°	710.0	770.4	827.3	897.4	966.5	1030.8	1090.3	1144.9	1194.8	1240.1	1271.3
-57.5°	634.2	693.4	752.3	811.2	868.4	923.6	979.1	1033.2	1084.0	1130.1	1161.1
-60°	559.1	609.7	668.2	729.0	786.0	839.2	890.8	939.3	984.5	1023.3	1048.4
-62.5°	488.2	536.0	586.5	641.3	698.9	755.2	806.9	855.9	902.5	940.1	964.4
-65°	416.6	456.8	500.0	545.2	592.0	639.9	689.1	739.3	789.8	830.3	856.9
-67.5°	312.9	353.2	395.6	439.8	479.6	516.2	551.7	588.3	625.3	656.0	680.1
-70°	203.6	233.6	263.1	293.4	326.4	360.0	392.1	422.2	450.1	472.4	490.4
-72.5°	110.0	124.6	140.9	163.9	186.0	208.3	230.4	251.2	270.6	285.2	296.6
-75°	51.0	57.7	70.1	81.5	92.1	102.9	113.4	123.0	131.7	138.0	142.7
-77.5°	36.2	39.2	42.1	45.1	48.1	52.2	56.5	60.8	65.0	69.0	72.9
-80°	25.5	27.1	28.8	30.3	31.8	34.1	36.6	39.2	41.7	44.2	46.6
-82.5°	17.0	18.1	19.2	20.3	21.3	22.6	24.0	25.3	26.5	28.6	30.7
-85°	11.6	12.0	12.6	13.1	13.7	14.8	15.9	16.9	18.0	19.5	21.0
-87.5°	8.9	8.9	8.9	9.0	9.0	9.9	10.9	11.8	12.8	14.2	15.6
-90°	5.5	5.1	4.6	4.2	3.7	3.2	2.8	2.3	1.8	1.4	0.9



REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	13.3	14.7	15.6	16.5	15.6	14.7	13.3	12.0	10.6	9.2	8.7
87.5°	1.8	1.8	0.9	0.0	0.9	1.8	1.8	1.8	1.8	1.8	2.3
85°	1.8	1.8	0.9	0.0	0.9	1.8	1.8	1.8	1.8	1.8	2.3
82.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.1	3.5	3.9
80°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.8	3.3	3.7	4.2
77.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.8	3.3	3.8	4.2
75°	3.6	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.8	4.3
72.5°	7.1	7.2	7.3	7.3	7.3	7.2	7.1	6.9	6.7	6.7	7.5
70°	9.1	9.1	9.2	9.2	9.2	9.1	9.1	9.0	8.8	9.3	10.8
67.5°	10.9	10.9	11.0	11.0	11.0	10.9	10.9	10.7	10.6	11.1	12.6
65°	9.4	9.3	9.2	9.2	9.2	9.3	9.4	9.5	9.7	10.7	12.4
62.5°	8.6	9.1	9.2	9.2	9.2	9.1	8.6	8.2	8.0	8.7	10.1
60°	7.4	7.4	7.3	7.3	7.3	7.4	7.4	7.4	7.3	7.5	7.9
57.5°	7.3	7.3	8.1	9.2	8.1	7.3	7.3	7.3	7.3	7.6	7.6
55°	8.9	9.1	9.9	11.0	9.9	9.1	8.9	8.7	8.5	8.7	8.9
52.5°	12.3	12.7	12.8	12.9	12.8	12.7	12.3	11.9	11.4	11.1	10.9
50°	15.9	16.2	16.4	16.5	16.4	16.2	15.9	15.5	14.9	14.2	13.3
47.5°	23.3	23.6	23.8	23.9	23.8	23.6	23.3	22.6	21.5	19.7	17.1
45°	37.5	38.0	38.3	38.6	38.3	38.0	37.5	36.2	36.1	33.9	28.6
42.5°	60.5	61.4	61.4	60.6	61.4	61.4	60.5	58.1	57.1	58.0	58.2
40°	86.2	86.3	85.3	84.5	85.3	86.3	86.2	85.0	84.3	75.5	74.6
37.5°	150.0	144.6	135.0	130.4	135.0	144.6	150.0	145.7	136.3	128.3	122.5
35°	232.2	235.7	236.7	235.1	236.7	235.7	232.2	228.5	214.3	188.3	188.1
32.5°	388.4	406.9	413.0	424.2	413.0	406.9	388.4	379.2	346.5	319.9	310.0
30°	799.6	794.0	724.3	694.2	724.3	794.0	799.6	823.8	670.2	671.4	610.5
27.5°	2154.0	2402.0	2520.2	2510.5	2520.2	2402.0	2154.0	1898.9	1652.9	1463.4	1262.8
25°	4436.2	4834.7	5099.0	4925.5	5099.0	4834.7	4436.2	3786.6	2960.1	2563.0	2137.6
22.5°	9152.4	10021.3	10494.7	10664.6	10494.7	10021.3	9152.4	7527.2	5782.1	4391.3	3260.8
20°	18341.2	19981.7	21179.8	20179.5	21179.8	19981.7	18341.2	14417.3	10776.4	7407.5	5184.7
17.5°	34050.6	39153.6	43667.9	45078.7	43667.9	39153.6	34050.6	26316.1	19958.1	13367.6	8647.2
15°	57305.6	65923.6	71046.1	70747.5	71046.1	65923.6	57305.6	46712.3	35724.3	25475.3	16051.2
12.5°	88171.2	98806.2	105902.3	104324.3	105902.3	98806.2	88171.2	74794.7	56735.2	42340.8	28257.8
10°	125258.5	141367.2	153071.5	152532.4	153071.5	141367.2	125258.5	105685.4	85740.7	63484.8	41906.7
7.5°	163709.8	190154.5	213107.4	216969.8	213107.4	190154.5	163709.8	139972.1	113152.6	85650.1	58754.4
5°	213296.1	248151.1	270945.4	272248.4	270945.4	248151.1	213296.1	174988.3	139983.8	106673.2	74178.0
2.5°	253518.8	293503.4	312739.9	324395.0	312739.9	293503.4	253518.8	204158.7	160601.7	122466.0	84920.5
0°	272363.2	304868.3	340038.2	356701.7	340038.2	304868.3	272363.2	216650.2	171062.7	129133.6	88723.2
-2.5°	264632.0	299463.7	320565.9	338226.5	320565.9	299463.7	264632.0	214144.1	169156.6	128774.9	88628.4
-5°	247098.6	281611.1	299314.2	300965.8	299314.2	281611.1	247098.6	201620.9	160645.1	122429.0	82886.2
-7.5°	218474.7	247739.3	266325.8	272108.8	266325.8	247739.3	218474.7	184926.5	148246.2	112649.7	75341.2
-10°	188054.9	209101.0	221112.9	223415.8	221112.9	209101.0	188054.9	161146.5	131067.7	98220.0	63995.1
-12.5°	156428.9	173659.2	181947.7	183758.5	181947.7	173659.2	156428.9	134395.2	107750.1	80013.8	52298.3
-15°	121395.2	134360.7	141823.5	143122.2	141823.5	134360.7	121395.2	103601.3	82450.0	60539.8	37781.7
-17.5°	86649.6	97185.1	104744.9	105749.4	104744.9	97185.1	86649.6	72562.8	57640.8	40513.8	25901.3
-20°	53228.6	60397.0	64819.6	64171.0	64819.6	60397.0	53228.6	42440.0	34616.2	23444.6	16496.6



REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	28657.5	32521.6	34390.6	35356.3	34390.6	32521.6	28657.5	22913.6	18154.7	13848.9	10223.3
-25°	15148.3	16784.7	17624.4	18282.4	17624.4	16784.7	15148.3	12615.5	9998.0	8731.3	7165.3
-27.5°	9013.4	9576.2	9888.7	10060.4	9888.7	9576.2	9013.4	8166.3	7102.2	6437.0	5675.1
-30°	6607.8	6877.3	7019.8	7090.7	7019.8	6877.3	6607.8	6158.7	5595.9	5161.9	4704.9
-32.5°	5195.2	5355.1	5453.5	5489.3	5453.5	5355.1	5195.2	4947.4	4638.6	4351.2	4099.6
-35°	4309.6	4363.1	4382.3	4416.8	4382.3	4363.1	4309.6	4194.4	4031.3	3852.8	3686.1
-37.5°	3830.4	3880.2	3904.4	3924.6	3904.4	3880.2	3830.4	3745.4	3633.9	3486.0	3375.7
-40°	3681.2	3734.0	3788.2	3827.3	3788.2	3734.0	3681.2	3639.2	3548.3	3390.9	3189.0
-42.5°	3774.4	3860.7	3920.0	3928.3	3920.0	3860.7	3774.4	3687.1	3487.4	3272.6	3002.6
-45°	3477.4	3575.8	3629.4	3647.3	3629.4	3575.8	3477.4	3333.9	3081.2	2786.7	2471.6
-47.5°	2790.4	3015.3	3149.5	3179.0	3149.5	3015.3	2790.4	2530.9	2238.1	1931.0	1628.0
-50°	1693.6	1773.7	1817.7	1823.6	1817.7	1773.7	1693.6	1606.9	1517.7	1426.9	1335.6
-52.5°	1348.9	1363.2	1372.2	1377.4	1372.2	1363.2	1348.9	1332.2	1311.0	1279.8	1243.2
-55°	1298.7	1322.7	1336.3	1342.5	1336.3	1322.7	1298.7	1271.3	1240.1	1194.8	1144.9
-57.5°	1188.7	1213.1	1223.9	1226.8	1223.9	1213.1	1188.7	1161.1	1130.1	1084.0	1033.2
-60°	1071.2	1091.8	1098.3	1098.2	1098.3	1091.8	1071.2	1048.4	1023.3	984.5	939.3
-62.5°	987.4	1008.9	1019.4	1024.8	1019.4	1008.9	987.4	964.4	940.1	902.5	855.9
-65°	880.1	899.8	908.1	910.9	908.1	899.8	880.1	856.9	830.3	789.8	739.3
-67.5°	701.6	720.3	725.5	725.4	725.5	720.3	701.6	680.1	656.0	625.3	588.3
-70°	505.7	518.1	520.2	517.9	520.2	518.1	505.7	490.4	472.4	450.1	422.2
-72.5°	305.9	313.0	315.7	315.9	315.7	313.0	305.9	296.6	285.2	270.6	251.2
-75°	146.3	148.9	151.1	152.4	151.1	148.9	146.3	142.7	138.0	131.7	123.0
-77.5°	76.6	80.1	81.5	82.6	81.5	80.1	76.6	72.9	69.0	65.0	60.8
-80°	48.9	51.1	51.3	51.4	51.3	51.1	48.9	46.6	44.2	41.7	39.2
-82.5°	32.7	34.7	34.9	34.9	34.9	34.7	32.7	30.7	28.6	26.5	25.3
-85°	22.4	23.8	24.8	25.7	24.8	23.8	22.4	21.0	19.5	18.0	16.9
-87.5°	17.0	18.4	18.4	18.4	18.4	18.4	17.0	15.6	14.2	12.8	11.8
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	2.3



REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.3	7.8	7.3	7.3	7.3	7.3	7.3	7.8	8.3	8.7	9.2
87.5°	2.8	3.2	3.7	4.2	4.6	5.1	5.5	6.0	6.4	6.9	7.3
85°	2.8	3.2	3.7	4.2	4.6	5.1	5.5	6.0	6.4	6.9	7.3
82.5°	4.3	4.7	5.0	5.1	5.2	5.3	5.5	6.0	6.4	6.9	7.3
80°	4.7	5.1	5.5	5.5	5.5	5.5	5.6	6.0	6.5	6.9	7.4
77.5°	4.7	5.1	5.6	5.7	5.8	5.8	5.8	6.1	6.5	7.0	7.4
75°	4.7	5.2	5.7	6.3	6.8	7.1	7.3	7.5	7.6	7.8	7.9
72.5°	8.1	8.3	8.5	8.6	8.2	8.5	9.0	9.4	9.5	9.4	9.1
70°	12.2	13.5	15.1	16.9	17.7	17.6	16.8	15.3	13.0	12.1	11.2
67.5°	14.2	15.9	18.7	21.8	23.9	25.5	26.7	27.1	25.6	22.9	16.9
65°	14.1	15.9	18.1	20.6	23.7	27.6	33.3	36.2	36.4	34.6	26.9
62.5°	11.9	14.2	15.5	17.3	19.8	23.9	30.5	36.4	42.1	43.8	35.2
60°	8.5	9.3	11.0	12.9	14.8	19.1	26.2	33.3	40.5	40.6	37.9
57.5°	7.5	7.9	9.2	10.2	10.9	14.5	20.8	28.8	36.7	35.6	33.6
55°	9.1	9.5	10.0	10.5	11.0	12.4	15.2	20.7	27.9	29.5	28.2
52.5°	10.9	11.4	11.9	12.4	12.6	12.4	12.4	15.7	18.9	21.8	22.8
50°	12.8	13.3	13.8	14.2	14.4	14.1	13.7	13.4	15.3	17.5	18.3
47.5°	16.8	17.5	16.5	16.3	17.5	16.5	15.9	16.1	17.0	16.4	17.3
45°	28.0	27.1	25.2	25.0	24.2	23.4	20.3	21.8	22.0	21.0	18.3
42.5°	53.8	45.7	39.8	40.2	37.8	35.2	32.2	31.6	30.5	28.0	26.3
40°	82.2	81.7	73.9	65.2	59.5	52.1	48.7	44.7	42.2	38.5	37.6
37.5°	117.0	114.0	119.1	114.7	98.3	83.4	73.2	62.6	55.7	59.2	56.2
35°	173.5	170.3	178.6	170.3	157.6	150.8	116.6	91.1	82.6	91.8	82.5
32.5°	258.6	299.5	286.1	264.1	275.5	259.4	206.9	142.8	141.9	139.7	123.8
30°	507.0	543.1	524.3	464.6	480.4	446.7	337.5	315.5	264.6	201.4	176.0
27.5°	1104.9	900.7	868.4	855.9	759.1	695.7	641.2	577.8	445.5	326.9	244.5
25°	1890.7	1588.2	1372.3	1313.2	1193.5	1011.9	980.9	902.5	739.9	496.9	336.1
22.5°	2802.8	2385.5	2038.0	1822.7	1631.2	1409.5	1293.9	1244.6	1069.7	709.9	485.1
20°	3733.6	3178.8	2706.1	2362.5	2018.0	1753.2	1601.0	1523.1	1306.1	968.7	640.7
17.5°	5874.7	4172.8	3464.3	2941.5	2455.0	2094.1	1947.7	1763.2	1542.1	1219.7	792.1
15°	9212.6	6438.3	4768.3	3767.8	3049.0	2649.7	2397.9	2044.9	1773.7	1441.3	1027.5
12.5°	17276.6	10304.3	6359.2	4918.4	3989.6	3339.6	2924.4	2441.1	2035.3	1745.5	1376.2
10°	26058.3	15670.8	9453.1	6587.0	5123.3	4128.6	3434.1	2842.4	2375.7	2077.6	1720.7
7.5°	36670.2	21726.9	12740.7	8190.7	6139.2	4800.8	3881.8	3183.8	2692.1	2388.7	2056.1
5°	45291.5	26110.6	14745.6	9391.7	6991.6	5431.8	4339.0	3473.5	2985.9	2680.4	2375.7
2.5°	50637.7	28466.6	15930.4	10387.3	7703.1	5961.5	4714.3	3719.8	3214.1	2869.6	2553.3
0°	51958.3	30322.5	16860.9	10418.5	8054.9	6290.0	4940.2	3935.6	3404.9	3028.4	2703.3
-2.5°	52050.4	29815.1	16661.8	10319.7	7883.4	6221.6	4947.2	4039.2	3513.7	3110.5	2758.5
-5°	48057.3	27168.3	15469.8	9965.2	7626.3	6065.6	4931.8	4133.6	3596.2	3179.3	2778.1
-7.5°	43458.0	23973.5	13944.4	9398.4	7261.1	5859.5	4908.2	4210.0	3652.5	3254.8	2804.3
-10°	34959.0	20173.5	12562.6	8912.1	6925.0	5646.0	4881.0	4233.9	3693.2	3316.4	2788.6
-12.5°	29514.5	16904.8	10882.8	8242.1	6654.2	5558.4	4857.6	4188.7	3721.1	3365.5	2728.0
-15°	22032.9	14097.0	9885.4	7744.6	6433.3	5442.3	4767.9	4055.9	3619.3	3340.9	2620.8
-17.5°	16411.5	11212.0	8465.6	6921.4	5900.6	5277.1	4584.3	3912.3	3445.3	3088.4	2348.6
-20°	11089.3	8718.1	7272.2	6083.8	5216.7	4699.5	4224.6	3661.1	3230.7	2727.5	2004.6



REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8224.3	6959.0	5938.6	5102.9	4525.2	4090.0	3690.6	3286.2	2965.1	2353.9	1653.7
-25°	6389.8	5503.1	4837.4	4390.1	3893.8	3490.6	3203.5	2954.8	2550.6	1963.3	1338.3
-27.5°	5126.9	4509.9	4153.2	3823.1	3438.1	3072.9	2834.3	2617.8	2133.2	1578.3	1234.8
-30°	4289.3	4013.1	3710.7	3397.1	3105.4	2811.8	2567.3	2175.5	1728.0	1279.8	1141.6
-32.5°	3836.8	3626.2	3361.7	3082.7	2836.0	2623.5	2237.7	1756.0	1345.8	1182.7	1064.4
-35°	3506.3	3290.5	3037.9	2830.7	2641.1	2314.9	1893.5	1424.2	1197.2	1093.0	992.6
-37.5°	3202.9	2971.5	2795.1	2605.9	2325.3	1953.7	1487.9	1242.4	1113.0	1018.9	916.3
-40°	3006.0	2790.6	2512.9	2269.0	1887.7	1465.3	1278.8	1151.8	1050.7	940.7	834.8
-42.5°	2701.7	2424.0	2090.6	1709.0	1397.5	1285.0	1176.9	1081.8	976.9	860.7	756.6
-45°	2119.6	1777.3	1465.2	1358.4	1255.0	1174.9	1098.1	996.1	886.2	782.0	679.8
-47.5°	1485.3	1382.8	1287.0	1221.4	1156.0	1082.9	993.0	895.2	798.2	702.9	622.6
-50°	1272.6	1233.9	1185.6	1124.0	1048.2	967.5	884.8	798.4	715.2	640.5	564.2
-52.5°	1198.6	1142.1	1078.2	1006.3	932.8	859.7	782.9	717.0	647.9	578.0	506.0
-55°	1090.3	1030.8	966.5	897.4	827.3	770.4	710.0	646.4	582.1	515.5	453.1
-57.5°	979.1	923.6	868.4	811.2	752.3	693.4	634.2	574.9	517.2	458.3	401.6
-60°	890.8	839.2	786.0	729.0	668.2	609.7	559.1	506.7	452.5	405.5	357.0
-62.5°	806.9	755.2	698.9	641.3	586.5	536.0	488.2	442.5	400.2	357.2	302.3
-65°	689.1	639.9	592.0	545.2	500.0	456.8	416.6	372.4	327.3	284.5	237.0
-67.5°	551.7	516.2	479.6	439.8	395.6	353.2	312.9	274.9	238.5	202.6	161.3
-70°	392.1	360.0	326.4	293.4	263.1	233.6	203.6	173.5	143.8	120.8	97.1
-72.5°	230.4	208.3	186.0	163.9	140.9	124.6	110.0	94.7	78.2	60.4	47.0
-75°	113.4	102.9	92.1	81.5	70.1	57.7	51.0	47.2	43.3	39.1	34.8
-77.5°	56.5	52.2	48.1	45.1	42.1	39.2	36.2	33.2	30.8	28.6	26.6
-80°	36.6	34.1	31.8	30.3	28.8	27.1	25.5	24.0	22.6	21.5	20.3
-82.5°	24.0	22.6	21.3	20.3	19.2	18.1	17.0	16.3	15.6	14.8	14.0
-85°	15.9	14.8	13.7	13.1	12.6	12.0	11.6	11.6	11.6	11.7	11.8
-87.5°	10.9	9.9	9.0	9.0	8.9	8.9	8.9	9.3	9.7	10.1	10.5
-90°	2.8	3.2	3.7	4.2	4.6	5.1	5.5	6.0	6.4	6.9	7.3



REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	9.2	9.2	9.2	9.2	9.7	10.1	10.6	11.0	10.5	10.1	9.7
87.5°	7.3	7.3	7.3	7.3	7.8	8.3	8.7	9.2	9.2	9.2	9.2
85°	7.5	7.6	7.6	7.6	7.9	8.3	8.7	9.2	9.2	9.2	9.2
82.5°	7.8	8.2	8.5	8.7	8.7	8.7	8.9	9.2	9.3	9.2	9.2
80°	7.9	8.3	8.8	9.2	9.2	9.2	9.1	9.2	9.5	9.5	9.5
77.5°	7.9	8.4	8.9	9.2	9.2	9.2	9.2	9.3	9.7	9.9	9.9
75°	8.0	8.4	8.9	9.2	9.2	9.2	9.2	9.3	9.8	10.2	10.3
72.5°	8.8	8.8	9.0	9.2	9.2	9.2	9.2	9.4	9.8	10.3	10.7
70°	10.2	9.4	9.2	9.4	9.4	9.2	9.2	9.4	9.9	10.3	10.7
67.5°	12.0	10.8	9.9	9.7	9.8	9.7	9.3	9.5	9.9	10.4	10.8
65°	19.9	14.4	10.9	10.5	10.3	10.4	10.1	9.7	10.0	10.4	10.8
62.5°	27.0	19.7	14.8	11.9	10.8	10.7	10.9	10.3	10.1	10.5	10.9
60°	33.8	25.4	18.8	15.0	12.2	10.9	11.0	10.8	10.5	10.6	11.0
57.5°	31.3	29.4	23.9	18.3	14.5	11.9	11.0	11.0	10.8	10.7	11.0
55°	26.7	25.7	26.4	22.1	16.9	13.5	11.5	11.0	11.0	10.9	11.0
52.5°	21.7	23.1	25.0	24.1	19.5	15.1	12.7	11.0	11.0	11.0	11.0
50°	17.9	20.8	23.9	24.4	21.5	17.0	13.8	11.8	11.0	11.0	11.1
47.5°	17.9	20.3	22.4	25.0	23.1	18.6	15.1	12.7	11.0	11.0	11.3
45°	20.7	21.8	22.6	24.1	24.7	19.9	16.2	13.4	11.6	11.1	11.4
42.5°	25.3	25.7	25.1	23.8	24.6	20.9	17.0	14.1	12.1	11.2	11.6
40°	34.9	31.5	29.0	28.2	25.5	21.5	17.5	14.6	12.6	11.5	11.7
37.5°	46.3	40.6	35.4	36.3	29.3	23.5	17.8	14.8	13.2	12.0	11.8
35°	67.5	52.6	50.4	49.0	39.3	26.6	17.7	14.9	13.9	12.6	11.9
32.5°	92.8	78.1	75.7	65.8	52.1	30.8	19.7	16.2	14.8	13.1	12.0
30°	140.4	126.2	108.2	85.8	67.9	42.6	24.3	17.8	15.7	13.5	12.2
27.5°	216.4	182.8	149.4	115.8	86.9	56.9	30.2	19.8	16.8	14.1	12.6
25°	297.8	252.5	203.7	152.8	108.0	77.6	36.0	22.3	18.2	14.9	13.0
22.5°	383.7	327.8	263.7	193.9	138.4	102.1	47.3	27.2	20.1	15.8	13.4
20°	471.2	405.7	330.8	243.4	175.8	128.1	65.8	32.0	22.0	16.7	13.7
17.5°	567.4	500.3	417.4	305.7	216.5	155.3	85.9	36.5	24.1	17.6	14.0
15°	751.4	615.1	512.4	373.5	256.6	183.2	107.2	40.9	26.3	18.5	14.4
12.5°	975.7	731.1	613.3	444.9	295.9	211.5	129.1	45.0	28.6	20.0	14.8
10°	1222.4	847.2	717.7	518.1	334.0	239.6	150.9	52.1	33.0	22.2	15.2
7.5°	1481.1	962.1	822.9	591.0	374.9	279.2	193.4	66.8	37.7	24.5	15.5
5°	1721.5	1065.7	927.2	681.6	438.5	330.2	239.3	82.1	42.5	26.8	15.9
2.5°	1865.2	1150.0	1025.2	769.6	499.9	379.3	283.8	97.4	47.1	29.1	16.2
0°	1981.6	1228.6	1114.8	850.3	558.3	426.1	325.1	112.0	51.4	31.2	16.5
-2.5°	2005.5	1273.3	1145.9	896.1	613.1	471.9	358.4	136.1	68.3	41.4	22.0
-5°	2000.7	1312.7	1170.0	934.0	663.6	514.4	386.2	158.7	84.5	51.2	27.2
-7.5°	1994.7	1331.5	1182.5	961.3	709.4	553.0	408.0	179.1	99.7	60.3	32.1
-10°	1951.1	1335.7	1179.4	957.6	719.2	568.9	420.0	197.2	113.5	68.5	36.5
-12.5°	1856.3	1334.9	1171.2	945.5	716.7	563.8	407.4	209.8	125.6	75.7	40.2
-15°	1705.3	1329.3	1158.3	925.0	706.8	555.5	392.6	218.6	135.3	82.2	43.1
-17.5°	1483.9	1318.9	1141.5	896.2	689.1	544.0	376.6	224.9	143.4	87.9	45.9
-20°	1379.7	1268.2	1117.6	859.0	662.9	529.3	359.9	228.6	149.9	92.1	48.2



REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1302.7	1184.4	1031.3	824.5	634.8	511.4	343.4	229.5	154.6	94.6	49.4
-25°	1213.5	1098.3	939.4	761.3	611.4	485.3	334.6	227.5	157.4	95.3	49.4
-27.5°	1117.1	1007.2	852.1	698.1	576.7	461.7	330.6	229.6	158.2	94.1	48.1
-30°	1020.2	912.2	778.0	641.2	540.5	429.4	323.0	229.5	156.6	92.2	45.5
-32.5°	945.7	826.1	708.6	599.4	502.6	396.7	304.9	226.9	152.3	89.0	43.5
-35°	875.7	756.2	643.5	556.7	464.7	369.4	283.7	221.7	145.3	83.9	41.1
-37.5°	802.7	692.7	596.3	514.3	427.3	339.8	266.6	205.2	135.5	76.8	37.7
-40°	732.4	634.3	551.4	474.2	391.9	308.2	247.8	186.4	125.0	67.6	33.1
-42.5°	661.9	583.4	507.1	434.7	355.2	285.5	227.2	166.3	110.1	59.8	27.5
-45°	604.8	531.3	461.1	391.6	318.5	261.2	203.6	145.3	93.4	52.0	23.2
-47.5°	546.0	478.7	414.6	348.4	290.0	234.9	178.7	125.2	75.7	42.7	21.8
-50°	486.7	427.4	369.4	312.8	259.9	206.3	153.1	103.6	63.1	31.7	20.2
-52.5°	437.7	380.9	328.7	278.4	227.5	176.5	127.4	81.5	49.5	26.5	18.2
-55°	392.5	337.4	290.0	242.0	193.6	145.9	100.2	65.0	35.1	23.6	16.2
-57.5°	349.5	295.5	249.1	203.8	157.8	113.7	77.2	47.5	28.8	20.5	15.9
-60°	305.3	251.9	206.5	162.2	119.6	84.3	56.2	33.5	24.7	17.7	15.6
-62.5°	251.4	203.5	158.0	117.7	85.6	59.0	37.1	28.2	20.3	17.0	15.2
-65°	189.8	146.2	107.4	80.8	55.8	37.6	30.4	22.6	18.5	16.3	14.7
-67.5°	122.2	94.8	69.1	46.1	36.6	30.3	23.5	19.7	17.2	15.4	14.2
-70°	73.1	50.5	39.9	34.5	28.9	23.5	20.5	17.9	15.9	14.6	13.6
-72.5°	41.5	36.2	31.3	26.6	23.6	20.8	18.1	16.0	14.8	13.8	13.1
-75°	30.4	27.6	25.2	22.8	20.3	17.9	16.1	14.7	13.7	13.0	12.5
-77.5°	24.5	22.6	20.7	19.2	17.4	15.8	14.4	13.2	12.7	12.3	11.9
-80°	19.0	17.9	17.0	16.2	14.9	13.7	12.9	12.3	12.0	11.7	11.4
-82.5°	13.6	13.6	13.7	13.6	13.0	12.4	11.9	11.5	11.3	11.0	10.9
-85°	11.8	11.8	11.7	11.5	11.2	11.0	11.0	11.0	10.9	10.7	10.5
-87.5°	10.4	10.4	10.3	10.2	10.4	10.6	10.8	11.0	10.7	10.4	10.1
-90°	7.3	7.3	7.3	7.3	7.8	8.3	8.7	9.2	9.2	9.2	9.2



REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.2	9.2	9.2	9.2	9.2	9.2	9.2
87.5°	9.2	9.3	9.4	9.4	9.4	9.2	9.2
85°	9.2	9.4	9.5	9.6	9.5	9.3	9.2
82.5°	9.2	9.5	9.7	9.7	9.7	9.3	9.2
80°	9.3	9.6	9.8	9.9	9.8	9.4	9.2
77.5°	9.8	9.8	10.0	10.1	10.0	9.4	9.2
75°	10.2	10.1	10.2	10.3	10.1	9.4	9.2
72.5°	10.6	10.4	10.3	10.5	10.2	9.5	9.2
70°	11.0	10.6	10.5	10.6	10.4	9.5	9.2
67.5°	11.0	10.9	10.6	10.7	10.5	9.5	9.2
65°	11.0	11.0	10.8	10.8	10.6	9.5	9.2
62.5°	11.0	11.0	10.9	10.8	10.7	9.6	9.2
60°	11.0	11.0	11.0	10.9	10.8	9.6	9.2
57.5°	11.0	11.0	11.0	10.9	10.7	9.6	9.2
55°	11.0	11.0	11.0	10.9	10.7	9.6	9.2
52.5°	11.0	11.0	11.0	11.0	10.7	9.6	9.2
50°	11.0	11.0	11.0	11.0	10.7	9.6	9.2
47.5°	11.0	11.0	11.0	11.0	10.7	9.6	9.2
45°	11.2	11.0	11.0	11.0	10.7	9.7	9.2
42.5°	11.4	11.0	11.0	11.0	10.7	9.6	9.2
40°	11.6	11.0	11.0	11.0	10.7	9.6	9.2
37.5°	11.8	11.0	11.0	11.0	10.7	9.6	9.2
35°	12.1	11.1	11.0	11.0	10.7	9.6	9.2
32.5°	12.3	11.3	11.0	11.0	10.7	9.6	9.2
30°	12.4	11.5	11.0	11.0	10.8	9.6	9.2
27.5°	12.5	11.7	11.0	11.0	10.8	9.6	9.2
25°	12.6	12.0	11.0	11.0	10.8	9.5	9.2
22.5°	12.7	12.2	11.0	11.0	10.8	9.5	9.2
20°	12.9	12.3	11.0	11.0	10.9	9.5	9.2
17.5°	13.0	12.5	11.0	11.0	10.9	9.5	9.2
15°	13.2	12.6	11.0	11.0	10.9	9.4	9.2
12.5°	13.4	12.7	11.0	11.0	10.9	9.4	9.2
10°	13.7	12.8	11.0	11.0	11.0	9.4	9.2
7.5°	13.9	12.8	11.0	11.0	11.0	9.3	9.2
5°	14.2	12.9	11.0	11.0	11.0	9.3	9.2
2.5°	14.4	12.9	11.0	11.0	11.0	9.2	9.2
0°	14.7	12.9	11.0	11.0	11.0	9.2	9.2
-2.5°	16.2	12.9	11.0	11.0	11.0	9.2	9.2
-5°	17.5	12.9	11.0	11.0	11.0	9.2	9.2
-7.5°	18.8	12.8	11.0	11.0	11.0	9.2	9.2
-10°	19.8	12.8	11.0	11.0	10.9	9.2	9.2
-12.5°	20.7	12.7	11.0	11.0	10.9	9.2	9.2
-15°	21.2	12.6	11.0	11.0	10.9	9.2	9.2
-17.5°	21.4	12.5	11.0	11.0	10.8	9.2	9.2
-20°	21.8	12.3	11.0	11.0	10.8	9.2	9.2



REPORT NUMBER: P1305722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.4	12.2	11.0	11.0	10.7	9.2	9.2
-25°	22.4	12.4	11.0	11.0	10.7	9.2	9.2
-27.5°	21.8	12.6	11.0	11.0	10.6	9.2	9.2
-30°	20.5	12.7	11.0	11.0	10.5	9.2	9.2
-32.5°	18.5	12.7	11.2	11.0	10.4	9.2	9.2
-35°	17.8	12.6	11.3	11.0	10.3	9.2	9.2
-37.5°	17.6	12.5	11.5	11.0	10.3	9.2	9.2
-40°	17.2	12.6	11.6	11.0	10.2	9.2	9.2
-42.5°	16.6	12.7	11.6	11.0	10.1	9.2	9.2
-45°	15.7	12.8	11.7	11.1	9.9	9.2	9.2
-47.5°	14.6	12.9	11.8	11.1	9.8	9.2	9.2
-50°	14.4	12.9	11.8	11.0	9.7	9.2	9.2
-52.5°	14.4	12.9	11.8	10.9	9.6	9.2	9.2
-55°	14.3	12.8	11.8	10.7	9.5	9.2	9.2
-57.5°	14.1	12.7	11.7	10.5	9.3	9.2	9.2
-60°	13.9	12.6	11.7	10.4	9.2	9.2	9.2
-62.5°	13.7	12.5	11.4	10.2	9.2	9.2	9.2
-65°	13.4	12.3	11.2	10.0	9.2	9.2	9.2
-67.5°	13.1	12.1	10.9	9.8	9.2	9.2	9.2
-70°	12.8	11.7	10.7	9.6	9.2	9.2	9.2
-72.5°	12.4	11.4	10.4	9.5	9.2	9.2	9.2
-75°	11.9	11.0	10.1	9.5	9.2	9.2	9.2
-77.5°	11.5	10.6	9.9	9.5	9.2	9.2	9.2
-80°	11.0	10.3	9.8	9.4	9.2	9.2	9.2
-82.5°	10.6	10.1	9.7	9.4	9.2	9.2	9.2
-85°	10.1	9.8	9.5	9.3	9.2	9.2	9.2
-87.5°	9.7	9.5	9.4	9.3	9.2	9.2	9.2
-90°	9.2	9.2	9.2	9.2	9.2	9.2	9.2

(END OF REPORT)